

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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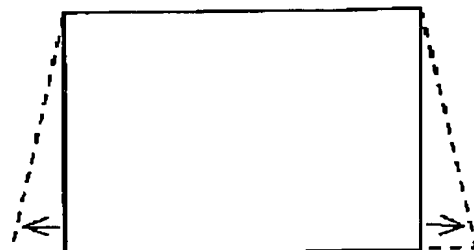
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INVENTOR : OTA MASA;

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TITLE : PROJECTOR DEVICE



**ABSTRACT :** PROBLEM TO BE SOLVED: To compensate distortion without degrading resolution by compensating a projected screen so that picture forming width of a corresponding picture forming section is increased in the direction opposite to the direction where a projected screen is spread out.

**SOLUTION:** An input/output section is constituted with a projection lens, a picture input terminal, a knob for rotating a potentiometer, and the like. For example, a circuit is constituted so that when the knob is rotated to right, the lower side of the projected screen is spread in accordance with turning of the knob. As shown in a screen of a LCD, a range indicated by a solid line indicates a use range of a LCD surface in a state in which projection distortion is not caused, when it is compensated, a use range of a LCD surface is spread to a range indicated by a broken line. On the contrary, a circuit is constituted so that when the knob is rotated to left, the upper side of the projected screen is spread in accordance with turning of the knob. Therefore, a user can obtain the optimum compensation state by adjusting with the knob watching an actual projected screen.

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